

B2
4

the quantity X from its maximum achieved value; the cumulative score goes to zero or below, due to the accumulation of one or more negative-scoring residue alignments; or the end of either sequence is reached. The BLAST algorithm parameters W, T, and X determine the sensitivity and speed of the alignment. The BLAST program uses as defaults a wordlength (W) of 11, the BLOSUM62 scoring matrix (see Henikoff & Henikoff, Proc. Natl. Acad. Sci. USA 89:10915 (1989)) alignments (B) of 50, expectation (E) of 10, M=5, N=-4, and a comparison of both strands.

IN THE CLAIMS:

Please cancel claims 17-19, 28-30, 40, 43, and 44 without prejudice. Claims encompassing the subject matter are currently being pursued in a divisional application.

Please amend claims 35 and 36 to read as set for the below. A marked up copy showing the amendments is attached hereto.

35. (amended) The pharmaceutical composition of claim 34, further comprising an antineoplastic drug.

B3

36. (amended) The pharmaceutical composition of claim 35, where said antineoplastic drug is Adriamycin.

REMARKS

Applicants note that an initialed copy of the IDS that Applicants submitted on October 2, 2001 was not included with the Office Action, although an initialed copy of the Supplemental IDS that Applicants submitted on August 15, 2002 was included. Applicants respectfully request that the Examiner provide the initialed copy of the first IDS to show that the references were considered.

105
11